

**ABSTRACT**

A method of producing a slurry of material effective for application to designated regions on cigarette paper to affect the burn rate in the designated regions, includes the steps of cooking a fibrous cellulosic material, bleaching the material, pressing the cooked and bleached material to remove liquid, drying the pressed material, milling the dried material to produce fibers of a desired size and mixing the milled material with water. Flax straw can be used as one source of the fibrous cellulosic material, and can be subjected to a hammering process for removal of non-fibrous components of the flax straw and for reduction in the fiber size before the cooking of the fibrous cellulosic material.